



TENNESSEE DEPARTMENT OF AGRICULTURE
Water Resources Program

November 30, 2010

Ms. Erin O'Brien
TDEC
L&C Annex, 6th Floor
Nashville, Tennessee 37243

Dear Ms. O'Brien:

I am writing to inform you that I have reviewed the application and Comprehensive Nutrient Management Plan (CNMP) for CAFO permit for Mr. Christopher Shea Lattus/ Lattus Farms in South Fulton, Tennessee (previous owner Jason W. Elliot NPDES Permit NO. TN0080527).

This letter is to confirm that the Tennessee Department of Agriculture (TDA) has reviewed and approved the CNMP previously issued to Grant Bloecher under which the previous permit was acquired. Since all litter will be exported offsite and Mr. Lattus has provided a current manure analysis to be used by the third-party receiving the litter, and has signed an agreement to follow the CNMP, the TDA agrees that a permit should be issued for his Farm. I have enclosed a copy of the Nutrient Management Plan Requirements form and stamped Approval Stamp form for your review and final approval.

Since you have dealt directly with the lender for Mr. Lattus, Chuck Murphy, please forward all of the necessary documents to Mr. Murphy on behalf of TDA. If you need anything else, please let me know.

Sincerely,

Angela L. Warden
CAFO Specialist

Permit Section

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TN Division Of Water
Pollution Control

: //enclosures

ec:// Erin O'Brien, Environmental Protection Specialist, TDEC.

Ellington Agricultural Center
440 Hogan Road
Nashville, TN 37220
Telephone: 615-837-5492 Fax: 615-837-5025



TENNESSEE DEPARTMENT OF AGRICULTURE

Water Resources Program

The following individual has submitted all required elements of an NMP/CNMP as required to obtain a CAFO permit. Their Nutrient Management Plan (or CNMP) has been reviewed and approved by this office.

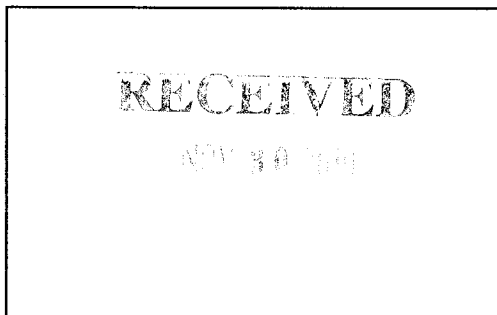
Name of Owner/Operator: Christopher Shea Lattus

Operation Name: Lattus Farms

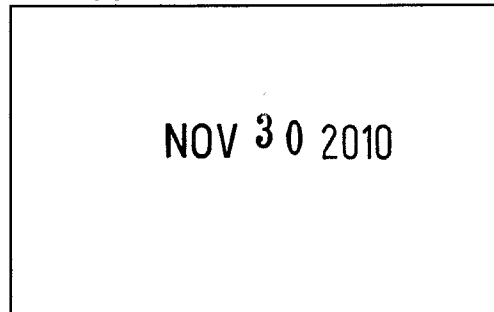
Address of Operation: 4915 Jack Douglas Road South Fulton, TN 38257

Phone Number: (270) 627-3902 County: Obion

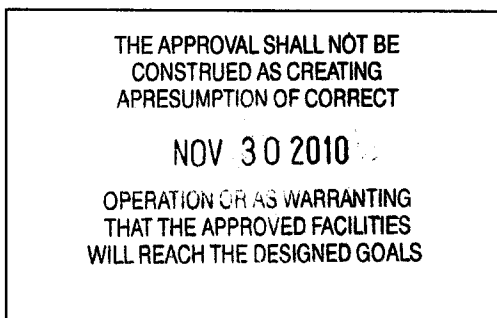
Date application was initiated:



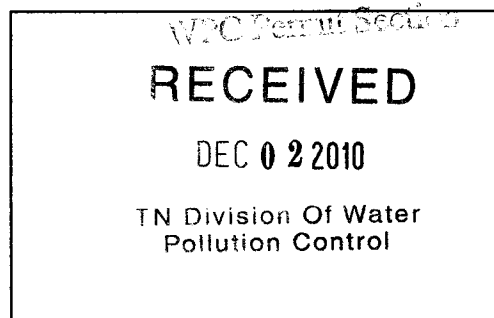
Date approval forwarded to TDEC:



NMP/CNMP Approval Date:



Date approval received by TDEC



TDA Reviewer's Name: Angela Warden

TDA Reviewer's Signature: Angela Warden 11/30/10
Date

Nutrient Management Plan Requirements

Partial
#328

The following 9 items need to be submitted at the time the permit is applied for. Additional record-keeping items as outlined in the CAFO rules are also considered part of the nutrient management plan and must be kept on-site. More information on each item can be found in the CAFO rule (1200-4-5-.14).

- ☒ 1. **Two maps:** (1.) A map of your farm showing location of any animal barns/houses, compost bins, litter storage bins, manure lagoons/holding ponds, nearby roads, fields to which litter/manure will be applied, and non-application buffer areas around any bodies of water (streams, creeks, rivers, ponds, wells, sinkholes, springs, wetlands, etc.). A hand-drawn map is acceptable and even preferred. (2.) A topographic map of the farm (1:24000 scale, showing 1-mile radius from farm) showing property lines.
- ☒ 2. **Nutrient budget** – this is basically a balance sheet of all manure produced on the farm and all manure spread on the farm or removed from the farm. Application rates for all fields should be based on crop needs, realistic crop yield expectations, and actual manure analyses of nutrient content.
- ☒ 3. **Soil test results** for phosphorus and potassium for each application field. These must be taken at a minimum of every five years.
- ☒ 4. Results of **manure analysis** from within the past year. Annual manure testing is a requirement for all CAFOs. These results must be included with initial permit application if the farm is in operation. If the farm that is applying for the permit is new and not yet operating, then manure testing results need to be obtained once operation begins. At that point, the manure test results and revised application rates need to be submitted to TDA. Manure test results in subsequent years need to be kept as part of your record-keeping activities.
- ☒ 5. Results of the **Phosphorus Index** applied to each field that has a soil test P value of "High" or "Very High". In those situations, this tool will determine whether your application rates will be based on nitrogen or phosphorus.
- ☒ 6. Statement regarding method of **dead animal disposal**.
- ☒ 7. **Closure Plan** to be implemented in the event animal production ceases on the site.

These last two items are only required for medium-size CAFOs that manage **liquid manure**.

- ☒ 8. Documentation of **design of liquid waste handling system**. This should include, but is not limited to: volume for solids accumulation, design treatment volume, total design volume, the approximate number of days of storage capacity, pumping and routing of wastes, and any solid separation process. Ideally, this documentation would consist of the pertinent engineering drawings with accompanying descriptive narrative.
- ☒ 9. The construction, modification, repair, or installation of any portion of a CAFO liquid waste handling system (such as earthen holding pond, treatment lagoon, pit, sump or other earthen storage/containment structure) after April 13, 2006 must be preceded by a thorough **subsurface investigation**. This investigation will include a detailed soils investigation with special attention to the water table depth and seepage potential.

In addition to the items above, the following form(s) must accompany your application:

- ☒ **Notice of Intent form** must be submitted with all applications from Class II (Medium) CAFOs
- OR
- ☒ EPA Forms 1 and 2B must be submitted with all applications from Class I (Large) CAFOs.
- ☒ Addendum to Nutrient Management Plan.

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